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NAVAL SUPPLY SYSTEMS COMMAND

SNT Update to NAVY AIT

UNITED STATES NAVY SERIAL NUMBER TRACKING
SNT

SNT

www.snt.navsup.navy.mil

Ready. Resourceful. Responsive!

MATT MULLINS
CDR, USN
OCT 16, 2003

Outline

Outline

- Background/Overview
- AIT Markings
- Engine/Container SN Visibility
- Aviation/Maritime SN Update
- NAVSISA FY 04 Work
- Funds Availability
- Issues

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Aviation Asset/Information Flow

UNITED STATES NAVY SERIAL NUMBER TRACKING
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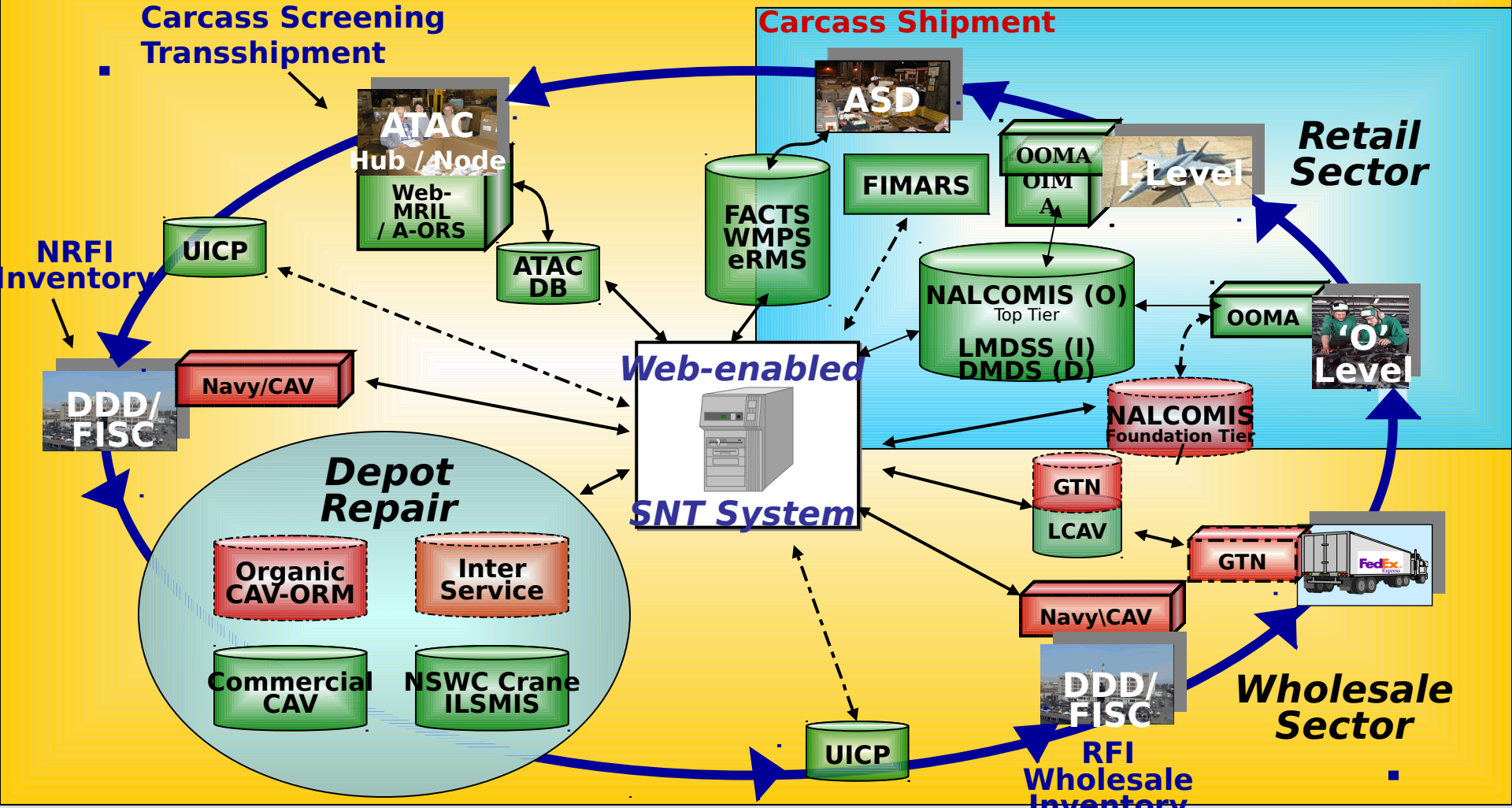
Information Systems

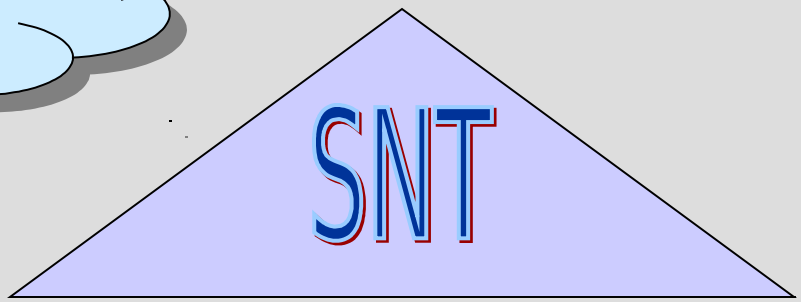
Overview



Connectivity | Not Connected | S/N | No | Asset Flow

SNT Foundation

SNT requires two components



FIRST

Live access to databases via the SNT Web-enabled portal.

Data Base Access

- WMRIL/A-ORS
- eRMS/WMPS
- UICP
- WEB-CAV
- CAV-ORM
- CAV-Navy
- FACTS
- OOMA/OIMA
- R-Supply
- IBS

AIT

- CMB
- 2D Data Matrix
- 2D PDF417
- ISO15418/15434
- MILSTD129
- MILSTD130
- MSL
- IRRD

SECOND

Automatic Identificatio Technology (AIT) is used by SNT to maintain data accurac

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CMB

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AIT

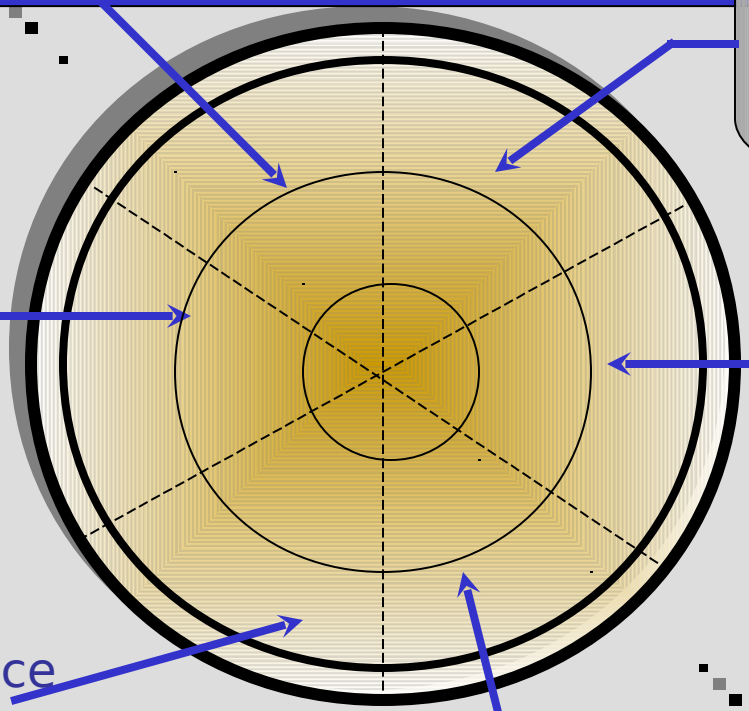
Contact Memory Button (CMB)

Scheduled Removal Component Card

Nameplate Data

Maintenance History**

Warranty Data



CMB Stats:
- **2k,8k,32k**
- **~$7-$13 each**
- **Read/Write**
- **Dual CMB/BC Reader $1200**

**Use TBD within aviation maintenance

Available for Vendor Use

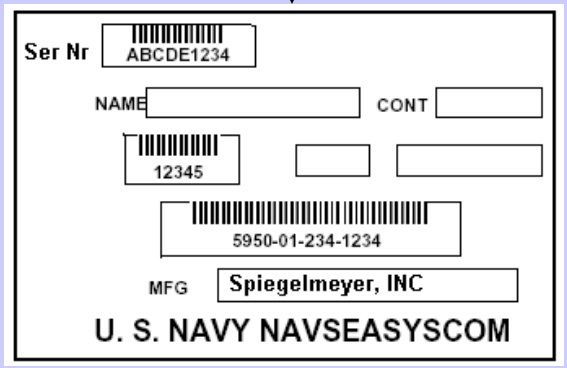
Available for Future Navy Use

Military Standards Product Marking

AIT

Mil-Std 130 Identification Marking of U. S. Property Product Marking

Today's Standard



Tomorrow's Standard

CMB

2D Data Matrix

Cage V2345
PN 33489-12
NSN 5835-01-141-5888
Ser: 45367

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Military Standards Package Marking

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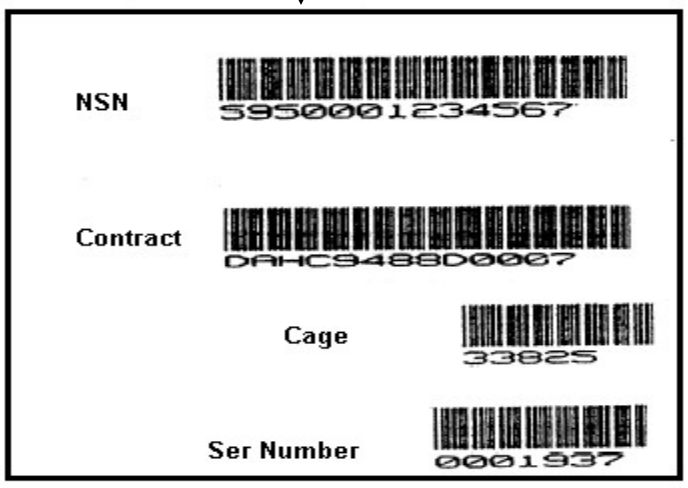
AIT

Mil Std 129 Package Marking

Today's Standard



Tomorrow's Standard

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Aviation Update

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- **H-53 – 124 Parts Marked w/ CMB Per A/**
  - ✓ **Planeside – 95% Parts Marked (over 50K CM**
  - ✓ **Sikorsky Contract Let –**
  - ✓ **Cherry Point LES**
  - ✓ **General Nucleonics/Breeze Eastern Next**
- **E2/C2 – 67 Parts selected**
  - ✓ **Technical Directive Approved**
  - ✓ **Rollout schedule**
- **ALQ 99**
- **ALR 67**
- **CMB – Feeds OOMA**

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Maritime Update

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- NAVSEA's Calibration Efforts
- NAVSEA's Configuration Efforts
- RSO/ERP AIT Efforts
- IBS Ability to Read PDF417 2D

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NAVSISA FY 04 Work for SNT

UNITED STATES NAVY SERIAL NUMBER TRACKING
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- Web-CAV – CMB Read Capability
- CAV-ORM Read Capability
- Serial Number Capture at DLA Warehou
  - ✓ Invoice AIT Mark
  - ✓ Package AIT Mark
  - ✓ Advanced Receipt Information (527D)
- GTN/One Touch Serial Number Visibility
- WMRS ARI Creation

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SNT Funds Availability

UNITED STATES NAVY SERIAL NUMBER TRACKING
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- **Three Criteria**
  - ✓ **Capture Serial Number**
  - ✓ **Feed Major Information System**
  - ✓ **Use Intermec Devices**

SNT Issues

- NMCI Interfacing w/ AIT Devices
- BP 85 Funding for Continued AIT Sup
- UID Implementation